



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23149E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>



A3 Color Multifunction Printer

Apeos C4570 (Model-PFS)

FUJIFILM

Value from Innovation

富士フイルム ビジネス イノベーション株式会社

FUJIFILM Business Innovation Corp.

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Functional unit

Per unit of product

System boundary

- final products
- intermediate products

Raw material acquisition, Production, Distribution, Use & Maintenance, End-of-Life

Main specifications of the product

- Model: Apeos C4570 (Model-PFS)
- Color Multifunction Printer (EP Type)
- Print Speed (A4 LEF): Color 45ppm, Monochrome 45ppm
- Paper Size (Max.): SRA3(320x450mm)
- Copy / Print / Scan / Fax
- Automatic 2 Sided Output, Automatic Document Feeder

Company Information

FUJIFILM Business Innovation Corp.

6-1 Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa Jap:

<https://www.fujifilm.com/fbglobal/eng>

Registration#	JR-AI-23149E
PCR number	PA-590000-AI-07
PCR name	Imaging input and/or output equipment
Publication date	8/25/2023
Verification date	8/18/2023
Verification method	System certificaion
Verification#	2023-FB-EL-009
Expiration date	8/17/2028
PCR review was conducted by:	
Approval date	4/24/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

Third party verifier*

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

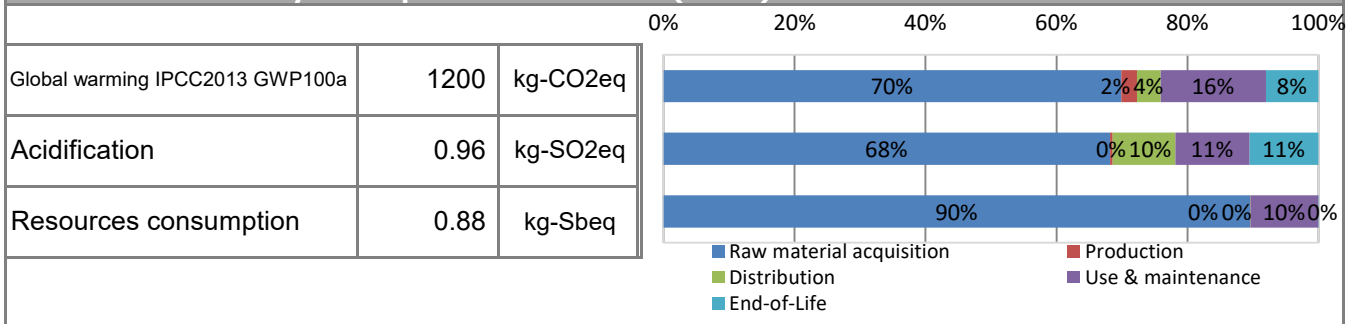
- internal
- external

*Auditor's name is stated if system certification has been performed.

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1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO ₂ eq	1.2E+03	8.7E+02	3.0E+01	4.5E+01	2.0E+02	1.0E+02
Acidification		kg-SO ₂ eq	9.6E-01	6.6E-01	3.4E-03	9.2E-02	1.1E-01	1.0E-01
Resources consumption		kg-Sbeq	8.8E-01	7.9E-01	1.4E-04	2.0E-04	9.1E-02	1.7E-04

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable material resources	kg	1.1E+02
Renewable material resources	kg	2.6E+02

3. Material composition

Material	Quantity	Unit
Steel	63	kg
SUS	1.1	kg
Aluminium	0.88	kg
Other Metals	8.4	kg
Plastic	42	kg
Rubber	0.20	kg
Glass	2.0	kg
Paper, Wood	8.7	kg
Circuit Board	4.1	kg
Conversion Parts	5.0	kg
Others	2.8	kg

5. Additional explanation

- ✓ Product destination: Japan
- ✓ Calculated based on standard scenario for MFP (EP type).
- ✓ Printing paper is excluded from Use & maintenance stage.
- ✓ Electric power of Use & maintenance stage is calculated based on TEC value, measured according to ENERGY STAR® Version 3.0.
- ✓ Assumed print volume are 297,600 sheets.
 $1/4 \times 32 \text{ (jobs per day)} \times 31 \text{ (sheets per job)} \times 5 \text{ (days)} \times 4 \text{ (weeks)} \times 12 \text{ (months)} \times 5 \text{ (years)} = 297,600 \text{ (sheets)}$



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6-1. Supplementary environmental information

ENERGY STAR® Ver.3.0 qualified.

7. Assumptions of secondary data used

Inventory Database: LCI Database IDEA v2.1.3, Japan EPD Program by SuMPO registered data v1.13.

8. Remarks

- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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